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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.	APPLICATION NO.
040000-755	O9/891,238
APPLICANT	
David NISTER	
FILING DATE	GROUP
lune 27 2001	2671

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	U.S. Patent D	ocument						
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Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
DRV	Y. Boykov, et al., "Fast approximate energy minimization via graph cuts", ICCV 99, pp. 377-384.							
DRY	P. Eisert et al., "Automatic reconstruction of 3-D stationary objects from multiple uncalibrated camera views", IEEE Transactions on Circuits and Systems for Video Technology, 10(2), pp. 261-277, March 2000.							
DRY	P. Fua, "Reconstructing complex surfaces from multiple stereo views", Proc, ICCV 95, pp. 1078-1985.							
DRV	R. Mandelbaum, et al., "Correlation-based estimation of ego-motion and structure from motion and stereo", ICCV 99, pp. 544-550.							
	L. Robert et al., "Dense depth map reconstruction: A minimization and regularization approach which preserves discontinuities", ECCV 96, pp. 439-451.							
	H. Saito, et al., "Sh Conference on Com	nape reconstruct oputer Vision and	ion in projective grid spa d Pattern Recognition (C	ce from large r VPR 99), Fort (number o Collins, C	f images", IEEE Comput CO, June 1999.	ter Soci	ety
Examiner Signature	Dw/2			Date Considered		1.26,04		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Petents, Washington, D.C. 20231.

SHEET 1 OF 2

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		U.S. Patent D	Document				00	
Examine Initials		Number	Kind Code (if known)	Name of Patentee or Applica C 655 of Cited Document	1	Date of Publication (MM-DD-YYYY)		
DISA		6,046,763	348/47	Roy	04/0	04/04/00		
T		6,052,124	345/419	Stein et al.	. 04/	. 04/18/00		
r) : 5			REIGN PATENT DOCUMENTS	Frenchister for	(4)	133		
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Examiner Initials		Number	Kind Code (if known)	Cl459 Country	Date of Publication (MM-DD-YYYY)	Transl Yes	ation no	
DRV	r	EP0871144	506T 7/00	Europe 10/14/98		×		
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Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. DEV S. Birchfield et al., Multiway Cut for Stereo and Motion With Slated Surfaces, ICCV 99, pp. 489-496. (date unknown)							wn)	
				nera Recovery for Closed or Open Ima				
		P. Beardsley et al., Sequential Updating of Projective and Affine Structure from Motion, IJCV, 23(3), pp. 235-259, 1997.						
		R. Cipolla et al., 3D Chiba Japan, pp. 5	•	ion from Uncalibrated Images, Proc. I ber 1998.	APR Workshop on Machine \	vision Applica	itions,	
	•	P. Debevec, Modeling and Rendering Architecture from Photographs: A hybrid Geometry-and Image-based Approach, Siggraph 96, pp. 11-20, Computer Graphics Proceedings, Annual Conference Series, 1996.						
1		O. Faugeras et al., Variational Principles, Surface Evolution, PDE's Level Set Methods and the Stereo Problem, IEEE Transactions on Image Processing, 7(3), pp. 336-344, March 1998.						
		O. Faugeras, What Can Be Seen in Three Dimensions With an Uncalibrated Stereo Rig?, Proc. ECCV 92, pp. 563-578.						
\		L. Gaucher, et al., Accurate Motion Flow Estimation with Discontinuities, ICCV 99, pp. 695-702. (date unknown)						
		D. Greig et al., Exact Maximum A Posteriori Estimation for Binary Images, Journal of the Royal Statistical Society, Series B, 51(2), pp. 271-279, 1989.						
		K. Hanna et al., Combining Stereo and Motion for Direct Estimation of Scene Structure, Proc. ICCV 93, pp. 357-365, 1993.						
		R. Hartley, Euclidean Reconstruction from Uncalibrated Views, Applications of Invariance in Computer Vision, LNCS 825, pp. 237-256, Springer-Verlag, 1994.						
		A. Heyden et al., Euclidean Reconstruction from Image Sequences with Varying and Unknown Focal Length and Principal Point, Proc. CVPR 97, pp. 438-443, 1997.						
	フ	K. Kutulakos et al., A Theory of Shape by Space Carving, Proc ICCV 99, pp. 307-314. (date unknown)						
		S. Maybank et al., A Theory of Self-Calibration of a Moving Camera, International Journal of Computer Vision, 8(2), pp. 123-151, 1992.						
	1	D. Nister, Frame Decimation for Structure and Motion, Accepted to SMILE 2000.						
	V	D. Nister, Reconstr	uction from Unc	alibrated Sequences with a Hierarchy	of Trifocal Tensors, Accepte	ed to ECCV 2	000.	
		M. Pollefeys et al., Self-Calibration and Metric Reconstruction In spite of Varying and Unknown Internal Camera Parameters, IJCV, 32(1), pp. 7-26, August 1999.						
1		P. Torr et al., An In (date unknown)	tegrated Bayesi	an Approach to Layer Extraction from	Image Sequences, ICCV 99	, pp. 983-990	٥.	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

2671

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form 1449A/PTO

DP	10	L. Van Gool et al., Automatic 3D Model Building from Video Sequences, Proc. ECMAST 96, Vol. 8., No. 4, pp. 563- 582, 1997.					
	(Ahuja, et al., Network Flows: theory, algorithms and applications. ISBN 0-136-17549-X, Prentice Hall, pp. 207-249, 1993.					
	<	European Search Report Application No.: RS 105653, mailed January 17, 2002.					
	V	International Search Report Application No.: PCT/SE01/01494, mailed January 3, 2002.					
	\	Narayanan P J et al., "Constructing virtual worlds using dense stereo" pgs. 3-10, XP000874141, January 1998.					
	Ç	Park J - I et al., Arbitrary view generation form multiple cameras" pgs. 149-152, Vol. 1, XP000792737, 1997.					
4	Saito H et al., "Appearance-based virtual view generation of temporally-varying events from multi-camera images in the 3D room" pgs. 516-525, XP002157613, October 1999.						
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